

AT LAST!

A SINGLE SOURCE GENERAL REFERENCE TO THE COMPUTER FIELD



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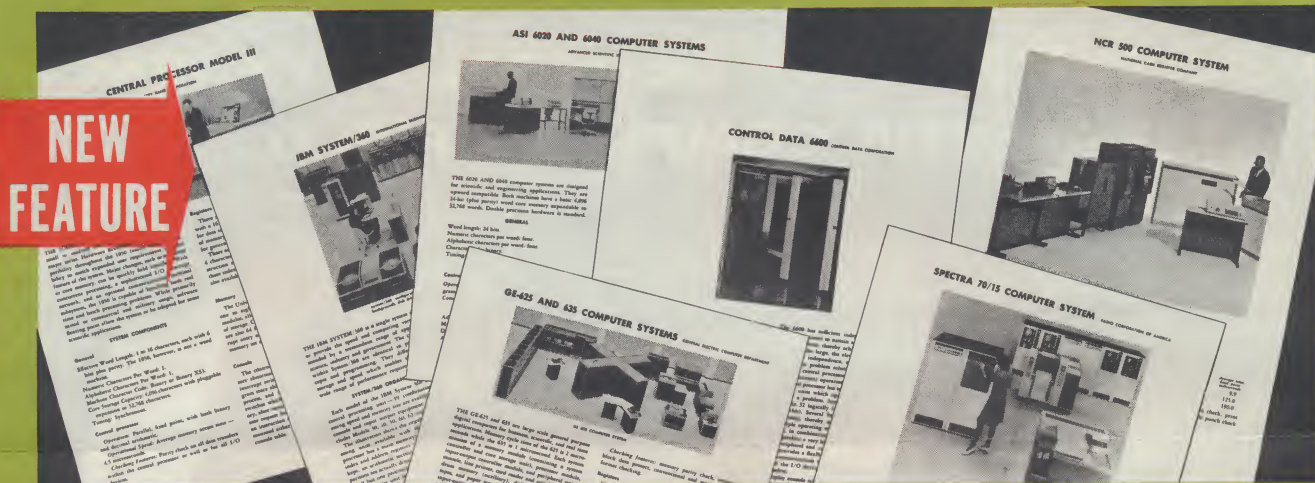
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- DIRECTORIES
- EQUIPMENT DESCRIPTIONS
- STATE OF THE ART REPORTS
- GLOSSARIES and DICTIONARIES

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COMPUTER YEARBOOK AND DIRECTORY

EQUIPMENT SPECIFICATIONS



Detailed descriptions and specifications on computers in common use today — or recently announced.

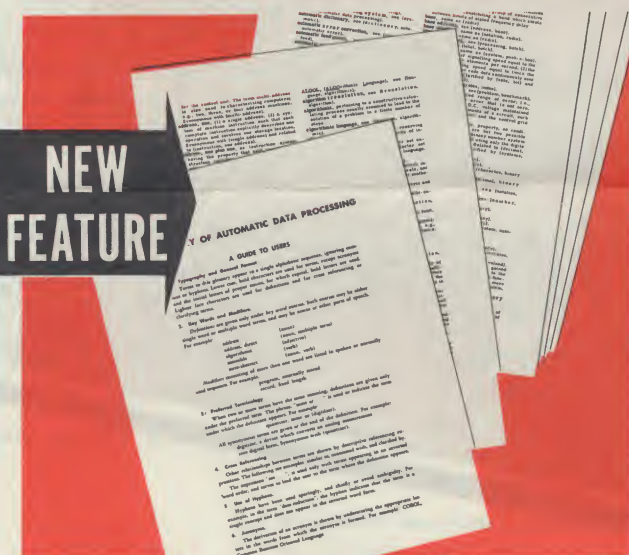
COMPARISON CHARTS

of all the most frequently used systems — a guide to comparing characteristics. These charts provide true "apple to apple" comparisons and much additional information never before provided in features of this kind.

PLUS EQUIPMENT DIRECTORY

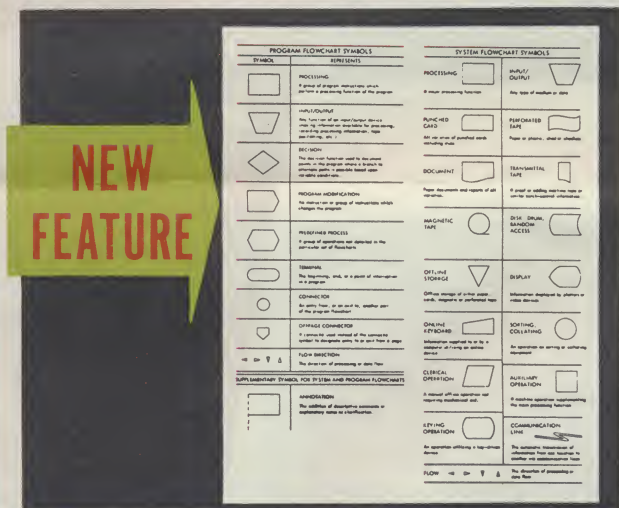
Complete guide to all Computers produced since 1952 with dates introduced, and basic references to characteristics, current status, etc. This is a new feature never presented before in any publication.

GLOSSARY



This 75-page feature gives definitions for more than 1,500 terms common to data processing, with cross referencing, preferred terminology and acronym referencing. The most detailed dictionary of this kind we have seen.

SYMBOLS



Every technical field has its symbols through which systems are implemented with a minimum use of words and space. This guide to data processing symbols is useful for systems people and programmers — the Yearbook is a handy place to find them.

STATE OF THE ART FEATURES

STATE OF THE ART

GENERAL

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INSURANCE

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GOVERNMENT

State of the Art in

- Computer Hardware
- Information Retrieval
- Air Traffic Control Simulation
- Numerical Control
- Data Systems Language
- Process Simulation and Optimization
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- Random Access Storage
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- Hybrid Computer Applications
- Optical Scanners

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The Outlook for the Automatic Data Processing Industry
SPAN: A System for Urban Data Management

Automatic Postoffice

Use of Electronic Data Processing in Farming

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- ▶ COMPUTER MANUFACTURERS
- ▶ ASSOCIATIONS with an interest in DATA PROCESSING
- ▶ COLLEGES AND UNIVERSITIES OFFERING DATA PROCESSING
- ▶ PRIVATE BUSINESS SCHOOLS AND INSTITUTES
- ▶ ACM—Association for Computing Machinery
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- ▶ DPMA—Data Processing Management Association
Roster of Chapters and Directors
- ▶ SPA—Systems and Procedures Association
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- ▶ Computer User Organizations
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- ▶ Acronyms and Abbreviations
- ▶ Reviews of Recent Books on Data Processing
- ▶ Inventory of Data Processing Equipment in Government
- ▶ Bibliography—Selected Data Processing Subjects

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■ Whether you now use a computer or are considering one, highly skilled planning is needed to make sure your investment shows an early profit.

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■ Over 120 authorities—from IBM, GE, Tele-register, from government agencies, banks, utilities and many other manufacturing and service firms—give you candid reports on their computer applications. Their reports cover 54 different models of all major suppliers. You learn how each came to be selected, what hardware and software were installed, how well the system is living up to expectations.

■ Hundreds of photographs, drawings, flow charts, configuration tables and actual forms enable you to grasp all the essentials with a minimum of actual reading time.

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PAPER TAPE READ
PAPER TAPE PUNCH
PRINTER
MICR/OPTICAL READER
INQUIRY
VISUAL DISPLAY
COMMUNICATIONS
CONSOLE TYPEWRITER
MINIMUM SYSTEM MONTHLY RENTAL

PRICE RANGE (RENTAL)
—AVERAGE, MAXIMUM
SOFTWARE
FLOATING POINT
INDIRECT ADDRESS
INDEX REGISTER
PRIORITY INTERRUPT
FIRST DELIVERY DATE
OTHER NOTES

PARTIAL LIST OF COMPUTERS IN COMPUTER SPECS

ASI	Control Data	Friden	Honeywell	1130	7094-I	Pacific Data Systems	Smith Corona Marchant
<i>Advance series</i>	<i>1604s</i>	<i>Friden 6010</i>	<i>H-400</i>	<i>1240</i>	<i>7094-II</i>	<i>PDS 1020</i>	<i>SCM 7816</i>
6020	3000 series	General Electric	H-1400	1401	7740	RCA	Sperry Rand, Univac
6040	6000 series	GE 115	H-800	1410	System 360-20	301, 501, 3301	Univac III
6050	Data Machines	200 Bank Transit	H-1800	1440	360-30	Spectra 70/15	Univac 60, 120
6070	610 series	205 System	Series 200	1460	360-40	Spectra 70/25	Univac 490
Burroughs	611	215	H-120	1620	360-44	Spectra 70/45	Univac Step
B 260, 270, 280	612	225	H-200	1800	360-50	Spectra 70/55	Univac Solid State
B 263, 273, 283	620 series	235	H-1200	6400	Monroe International	Scientific Control Systems	Univac CP-642B
B 300	622	Compables 400	H-2200	7010	Monrobot XI	650-2, 660-2, 670-2	Univac CP-667
B 2500	620	415	H-4200	7040	National Cash Register	Scientific Data Systems	1004 II, III
B 3500	622	425	H-8200	7044	304 315 RMC	SDS 92	1005
B 5500	Digital Equipment	435	IBM	7070	310 390	SDS 925	418
Computer Control	PDP 6, PDP 7	Compables 600	305 RAMAC	7074	315 500 series	SDS 930	1050 III
DDP-24	PDP 8	625	650	7080	315-100 R		1107
		635	1050	7090			1108

A SEPARATE CHART FOR EACH COMPUTER COVERED

COMPUTER B 3500									
COMPANY BURROUGHS CORP., 6071 SECOND AVENUE, DETROIT, MICHIGAN 48230									
PROCESSOR		Internal Storage—If drum label capacity 10 x 22							
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module ¹	storage cycle time in microseconds	word size/bits ¹	characters/word	
3501	1	\$1,695		10-500K	\$900-15,000	1	16	2 *	
INPUT/OUTPUT CHANNELS		DISK STORAGE							
max. no.	max. units/channel	Controller							
		unit #	max./system	price	unit #	module capacity millions words	access time/milliseconds	transfer rate char/sec	monthly rental per module ²
20	10	3373	10	\$250	9371 9372	10	20	200K	\$650 875-650

COMPANY BURROUGHS CORP., 6071 SECOND AVENUE, DETROIT, MICHIGAN 48230									
PRINTER					MICR/OPTICAL READER				
unit #	unit #	lpm	max. units/system ¹	mt. rental per unit ¹	unit #	documents/minute	max. units/system ¹	mt. rental/unit ¹	
9240	700	10	10	\$800					
9241	1040*	10	10	900					
9242	815	10	10	850					
9243	1040**	10	10	950					
* achieves speed w/37 char. set					** achieves speed w/46 char. set				
					9130	1,565(13PKT)	2	1,890	
					9132	1,565(16PKT)	2	2,200	
VISUAL DISPLAY					COMMUNICATIONS				

pages — 8½" x 11"

DRUM STORAGE						MAGNETIC TAPE										SOFTWARE																																				
unit #	capacity 1000s words	access time/ microsecs.	transfer rate char./sec.	max. units/ system*	monthly rental per unit†	Control			Tape unit			Other			MINIMUM SYSTEM MONTHLY RENTAL**			PRICE RANGE			SOFTWARE																															
unit #	max. m./ system†	rental/ unit†	unit #	cpu in	max. units/ system	rental/ unit	unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	max. rental/unit	unit #	char./ sec. in	max. units/ system†	rental/ unit†	unit #	char./ sec. in	max. units/ system†	rental/ unit†	unit #	Standard Number	Optional Number	PRIORITY INTERRUPT	First delivery date	NOTES																									
not appli- cable	not appli- cable	not applicable	not applicable	not applicable	not appli- cable	3381-1	10		\$235	9381-4	36KB	80	325	3381-2	10	395	9382-4	72KB	80	425	3391-1	10	275	9390	50KC	100	480	3391-3	10	300	9391	72KC	100	575	3393-1	10	375	9392	72KB	100	575	3393-2	10	475	9393	144KB	100	650	9393	144KB	100	650
I/O CONTROL UNIT						CARD READER					CARD PUNCH					PAPER TAPE READ					INDEX REGISTERS						SOFTWARE																									
unit #	max. m./ system†	rental/ unit†	unit #	cpu in	max. units/ system	rental/ unit	unit #	cpu out	max. units/ system†	rental/ unit†	unit #	char./ sec. in	max. units/ system†	rental/ unit†	unit #	char./ sec. in	max. units/ system†	rental/ unit†	unit #	char./ sec. in	max. units/ system†	rental/ unit†	unit #	Standard Number	Optional Number	PRIORITY INTERRUPT	First delivery date	NOTES																								
3110	20	\$50	9110	200	20	\$175	9210	100	10	\$350	9120	1000	10	\$300	9120	1000	10	\$300	9120	1000	10	\$300	9120	1000	10	\$300	5/67	Full operating system Utility programs Sort & report generators Basic operating system(I/O control)																								
3210	10	50	9111	800	20	325	9211	300	10	515																																										
3120	10	50	9112	1400	20	450	9211	300	10	515																																										

1. Size with number indicates bytes, if byte machine.

2. XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Same price indicated by subscript to S, where system is for sale only.

4. Purchase price, if not available on rental basis.

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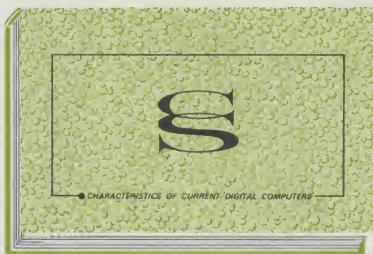
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